SURVEY RESULTS FROM DAACs - PERFORMANCE MANAGEMENT REPORT ITEMS

INPUT	PLANNING	PROCESSING	STORAGE	OUTPUT	SYSTEM	NETWORK	RMA	USER SERVICES
Amount of data arriving via Data Ingest box (e.g. Landsat 7, MODIS, etc).	Number of production requests requested	Number and size of standard products produced	Archive space by machine, data server, string (if applicable) and total	Number of digital products sent out via media (by media type)	CPU hours by machine, string, and total	Line Utilization	Tme to repair, downtime, failure rate of hardware components per week,month, etc.	Number of requests handled by user services per month
Time of each arrival at the Data Ingest box vs scheduled time.	Number of production requests cancelled	Number and size of reprocessed products produced	Staging space by machine, string, network disk pool, etc	Amount (in bytes) of digital products sent out via media (by media type)	Time from receipt of an order to the shipment of the order.	Error Rates	Availability of all significant components for a given period	Number of phone and e-mail interactions
Amount of data buffered in Data Ingest box.	Number of updates to production requests	Number and size of products broken down by product type (product type also uniquely identified by version Number)	Percentage of the archive that is being used, the aggregate input data rate into the archive, and the estimated time until the archive is filled (for each logical archive, if there is more than one)	Number of individual media units sent out (by media type)	Time that an individual request spent in each major portion of the processing path (e.g., time to receive an order, time to pull data from archive, time to write to output location/ media, time to ship data, etc.)	Protocol Statisitcs	Number of failures as a percentage of the total number of orders or portions there of	Number of interactions required to resolve an issue
Number of errors occurring at Data Ingest box.	Number of replans implemented	Number of times each PGE (also by version Number) is run	Number of tape/media mounts by tape drive, tape/media drive class (data distribution, data input, robotic archive drive, manual archive drive), storage host (for example, a silo might have two drives - we'd want to know how many mounts per drive and for both drives) and total	Number of digital products sent out via WAN (by specific network)	Disk I/O rates			Time to close-out a non-standard request

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Number of Data Availabiltiy Notices Received	Number of DPRs requested	Number of errors reported by each PGE	Number of correctable and uncorrectable errors that occur during media operations (e.g. tape mounts, reads/writes, and dismounts)	Mount (in bytes) of digital products sent out via WAN (by network)	Memory Utilization			Number of complaints received per month by method of receipt (e mail, fax, letter, phone, in person)
End to end application processing response time	Number of DPRs cancelled	Number of failures by each PGE		Amount of product (by Number of products and amount in bytes) resident in staging/customer pick-up storage	Paging and Swapping			Number of complaints as a % of the total Number of orders or requests per month
	Number of orders in queue - over a given period	For each PGE, amount of resources requested, per actual resources used Resources include wall clock time		Number and amount of transfers to each SCF	End to end application response time			Number of kudos received per month
	Number of orders waiting ancillary data to arrive	Number of QA flags raised per product type		Time to copy data from the archive (on-line, off-line or near-line) to the output location (i.e., tape, ftp pick-up, cd-rom, etc.)				Number of kudos as a % of total orders or requests received per month
	Average time per type of order to make it through the system	Resource usage by a PGE: nominal vs. actual		Time to extract data from the archive by a granule and by volume of data for a data set.				Time for receipt of order once it has either been delivered to the staging space or placed in the mail
	Number of times a PGE finishes ahead of/on/behind schedule	End to end application response time						Number of orders
	Number of replans in a given time period							

Data received from: GSFC, LaRC, EDC, ASF, ESDIS